

IEEE NMDC 2017

12th IEEE Nanotechnology Materials and Devices Conference

2nd-4th October 2017, Holiday Inn Atrium, Singapore

<http://ieeenmdc.org/nmdc-2017/>

NMDC 2017 will cover, but not limited, the following topics:

- Materials and devices for nanoelectronics;
- Materials and devices for nanophotonics;
- Metamaterials and plasmonic devices;
- MEMS/NEMS
- Materials and devices for energy harvesting and storage;
- 2D related materials and devices
- Organic semiconductor materials, devices and applications;
- Nanostructures of oxide semiconductor materials;
- Nanostructures and devices for biomedical applications;
- Synthesis, modification, and fabrication of nanostructures;
- Modeling and simulation of nanomaterials, structures, and devices;
- Fundamental and applications of nanowires, quantum dots and other low dimensional materials;
- Interconnects, packaging and reliability of nanodevices;
- Standards and safety issues of nanotechnology;
- Other emerging topics related to nanomaterials, nanostructures, and nanodevices;

Plenary Talks:



Ali Javey, University of California, Berkeley, USA, "Material and Device Innovations for Future Electronics and Sensors"



Arokia Nathan, University of Cambridge, UK, "Device-Circuit Interactions in Oxide TFT Low Power Circuits and Systems"



Hua Zhang, Nanyang Technological University, Singapore, "Synthesis and Applications of Novel Two-dimensional Nanomaterials"



Zhong Lin Wang, Chinese Academy of Sciences, China and Georgia Institute of Technology, USA, "Nanogenerators for self-powered systems and piezotronics for artificial intelligence"

Abstract deadline: 1st June 2017

Authors notification: 31st July 2017

Early registration: 1st Sept 2017

IEEE NMDC conference: 2nd- 4th Oct 2017

Deadline for full papers submission: 30th Oct 2017

